

# Google scholar

node receiver guardian

[Search](#)[Advanced Scholar Search](#)  
[Scholar Preferences](#)**Scholar**[anytime](#)[include citations](#)

Results 1 - 10 of about 1,560. (0.12 sec)

**[PDF] •The central guardian approach to enforce fault isolation in the time-triggered architecture**

G Bauer, H Kopetz, W Steiner - Proc. 6th Intl. Symp. on Autonomous Decentralized ..., 2003 - ttagroup.org  
 ... C communications controllers must ensure that any frame transmission indicated to  
 be correct by a correct **guardian** will be accepted by a correct **receiver node**. ...

Cited by 35 - [Related articles](#) - [View as HTML](#) - [All 7 versions](#)

**Slightly-off-specification failures in the time-triggered architecture**

A Ademaj - Seventh Annual IEEE International Workshop on High ..., 2002 - doi.ieeecomputersociety.org  
 ... frame send in the other redundant channel (this channel is protected by another  
 bus **guardian**), will be received as a correct frame at the **receiver nodes**. ...

Cited by 21 - [Related articles](#) - [All 4 versions](#)

**[PDF] •Byzantine fault containment in TTP/C**

G Bauer, H Kopetz, W Steiner - RTLIA 2002 - Citeseer  
 ... then discuss the requirements imposed on a **guardian** for TTP ... If a **node** receives a  
 correct frame, it assumes ... are authentic and that sender and **receiver** agree on ...

Cited by 12 - [Related articles](#) - [View as HTML](#) - [All 4 versions](#)

**[PDF] •Formal verification of transmission window timing for the time-triggered architecture**

J Rushby - Research report, Computer Science Laboratory, SRI ... - Citeseer  
 ... 2 Lemma 2 (Bus **Guardian** to Receiver Validity) If a nonfaulty bus **guardian** passes  
 a message, then it will be accepted by all nonfaulty **nodes**. ...  
 Cited by 13 - [Related articles](#) - [View as HTML](#) - [All 9 versions](#)

**Fault containment and error detection in the time-triggered architecture**

H Kopetz - Proc. of The 6th International Symposium on ... - csdl.computer.org  
 ... within the TTA judges a sending **node** as operational ... flow from a sender to a **receiver**  
 via the ... replicated communication channels, each one with its own **guardian**. ...  
 Cited by 31 - [Related articles](#) - [All 4 versions](#)

**Modular formal analysis of the central **guardian** in the Time-Triggered Architecture- •psu.edu [PDF]**

H Pfeifer, FW Von Henke - Reliability Engineering and System Safety, 2007 - Elsevier  
 ... is equipped with its own local bus **guardian**, one for ... of all, we formalise what is  
 expected from a correct **receiver**. If a **node r** is non-faulty, we assume that ...  
 Cited by 2 - [Related articles](#) - [Bl Direct](#) - [All 15 versions](#)

[PDF] • Evaluation of fault handling of the time-triggered architecture with bus and star topology

A Ademaj, H Sivencrona, G Bauer, J Torin - Proc. of International Conference on Dependable ..., 2003 - Citeseer

... Thus, a correct receiver node (which is synchronized to the **guardian** with precision

T) will accept any transmission that passes the **guardian** ...

Cited by 36 - Related articles - View as HTML - All 8 versions

[CITATION] Paper C

A Ademaj, H Sivencrona, G Bauer, J Torin - On the Design and Validation of Fault Containment ...

Related articles

Physical Layer Design for ECU Nodes in FlexRay-based Automotive Communication ...

CC Wang, GN Sung, CL Wang, PC Chen, MF ... - doi.ieeecomputersociety.org

... into a cluster as an integrating node (configuration, integration ... and the data rate

of the receiver can reach ... consumption of the proposed Bus **Guardian** is 3.22 mW ...

Related articles

... AND METHOD FOR CONNECTING A PROCESSING NODE IN A DISTRIBUTED ...

CP Temple, 2005 - wipo.int

... receiving signals from another processing **node** of the system, and **node guardian**

means coupled to the receiver means wherein the **node guardian** means includes ...

Cached - All 4 versions

Gooooooooogle ►

Result Page:

1 2 3 4 5 6 7 8 9 10

Next

[Go to Google Home](#) - [About Google](#) - [About Google Scholar](#)

©2009 Google